

Abstract

A tyre (10) adapted to be fitted onto a conventional wheel rim (13) for pneumatic tyres, the rim (13) has a tyre support surface (15), bead seats (17), each bead seat (17) comprises an inner seat portion (19) and an outer seat portion (21) terminating in an arcuate portion (22) defining the outer periphery of the rim (13), the tyre (10) comprises a radially inner portion (31) engageable with the rim (13), the radially inner portion comprising a band (41), the band comprises a metal band adapted to the supportingly received on, and releasably fixed with respect to the outer periphery of the rim (13) by welding at circumferentially spaced intervals, the tyre (10) further comprises a cushioning structure (33), the cushioning structure (33) comprises a resiliently deformable body of appropriate material such as rubber, bonded onto the band (41), the band (41) provides a rigid base for supporting the resiliently deformable body (43).